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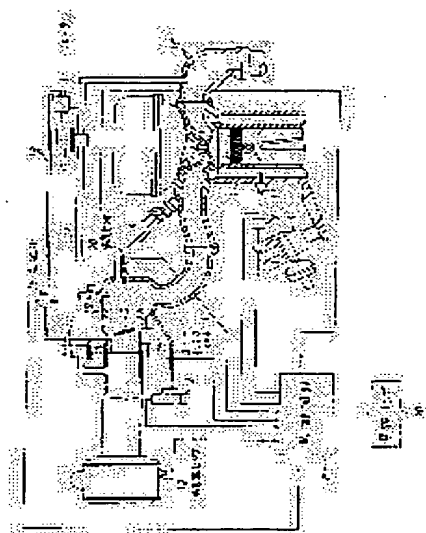
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(54) EXHAUST GAS CIRCULATION CONTROLLER

(57)Abstract:

PURPOSE: To easily detect the anomaly of an EGR with the sufficiently simplified constitution by transmitting alarm when it is judged that the intake temperature difference in the case when a recirculation pipe is opening/closing-controlled is less than a prescribed value.

CONSTITUTION: An EGR valve 13 is installed into an exhaust gas circulation passage 17, and controlled by a control conduit 18. In said control conduit 18, a modulator 14 for determining the valve opening degree of the EGR valve 13 and a solenoid valve 15 for switching the execution of the recirculation of exhaust gas are installed. Said solenoid valve 15 receives the operation signal of an electronic circuit 8 and controls the opening and closing of the EGR valve 13. The temperature difference between in the opening and closing control of the EGR valve 13 for the intake temperature detected by a temperature sensor 20 installed on the downstream side of the joint point between the exhaust gas circulation passage 17 and an intake manifold 3 is calculated by the electronic circuit 8. When it is judged that the temperature difference is less than a prescribed value, an alarm lamp 30 is lighted up to inform a driver of the anomaly of the EGR.



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